

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051575.D
 Acq On : 27 Sep 2018 11:24
 Operator : MD\SY
 Sample : J4773-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-D

Quant Time: Sep 27 12:10:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

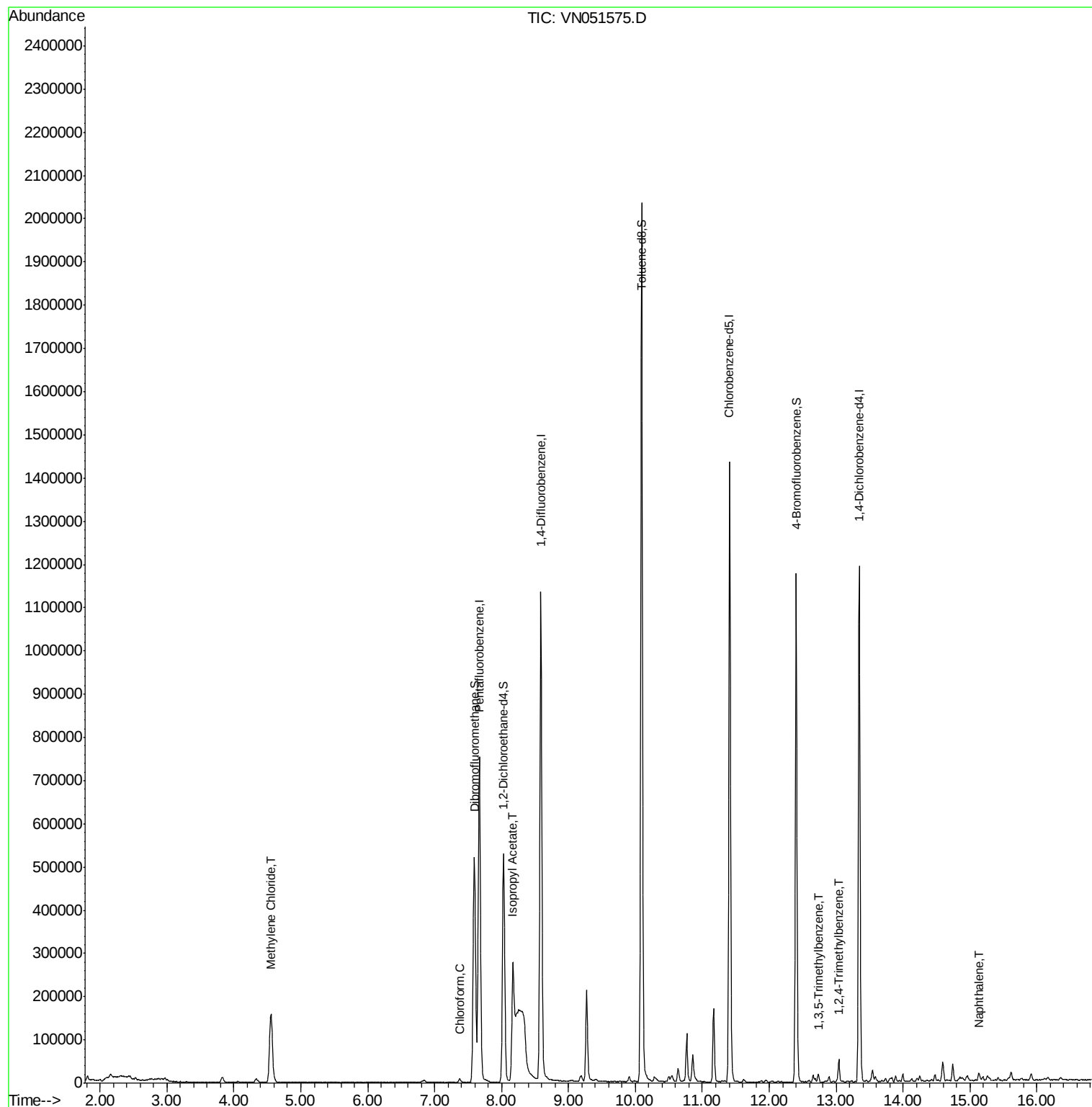
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	457900	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	
35) Dibromofluoromethane	7.59	113	398603	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.09	98	1436252	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	392700	39.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.10%	
Target Compounds						
20) Methylene Chloride	4.55	84	120002	15.239	ug/l	96
30) Chloroform	7.38	83	8445	0.623	ug/l	91
43) Isopropyl Acetate	8.17	43	359591	28.933	ug/l #	88
80) 1,3,5-Trimethylbenzene	12.73	105	7712	0.337	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	26926	1.168	ug/l	97
95) Naphthalene	15.14	128	15163	9.073	ug/l #	95

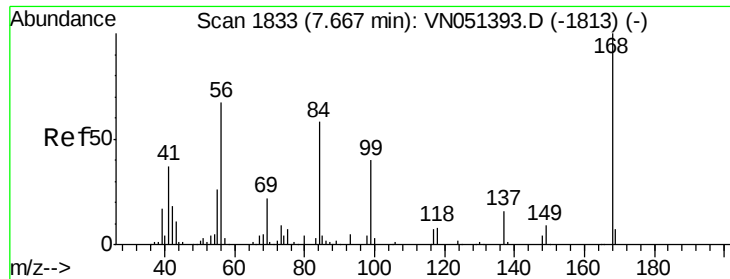
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
Data File : VN051575.D
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Sample : J4773-18
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
CL-02-092518-D

Quant Time: Sep 27 12:10:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

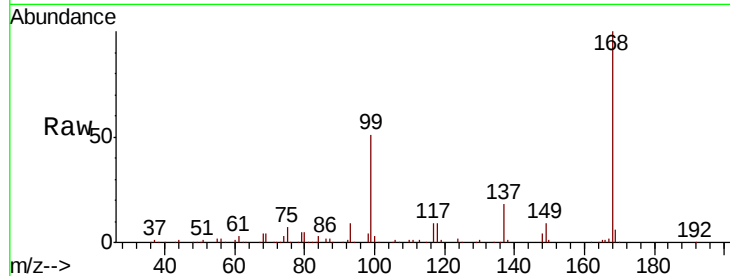
CL-02-092518-D

Tot Ion:168 Resp: 635265

Ion Ratio Lower Upper

168 100

99 50.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

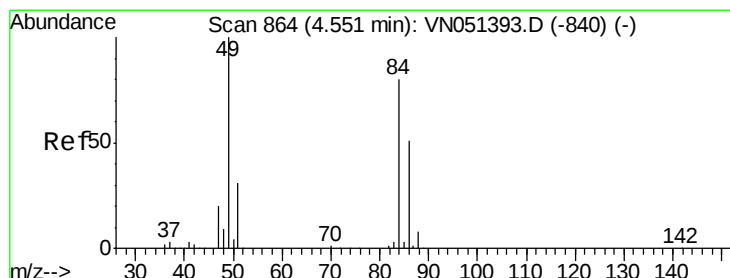
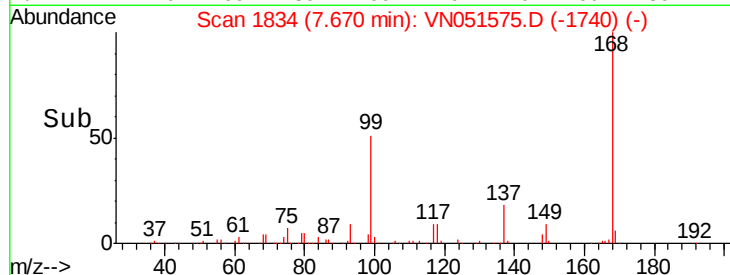
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 15.239 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

Tgt Ion: 84 Resp: 120002

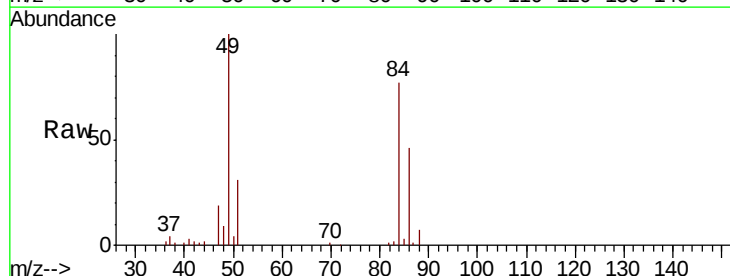
Ion Ratio Lower Upper

84 100

49 130.7 99.9 149.9

51 40.1 31.4 47.2

86 60.2 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

80000

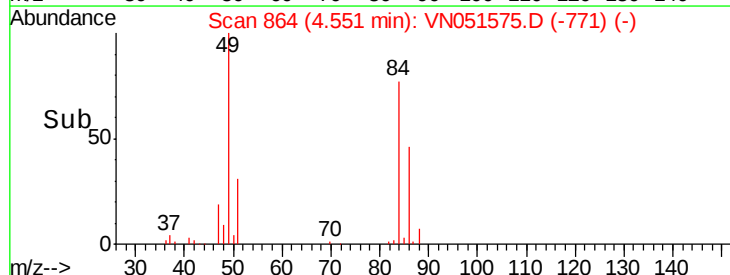
60000

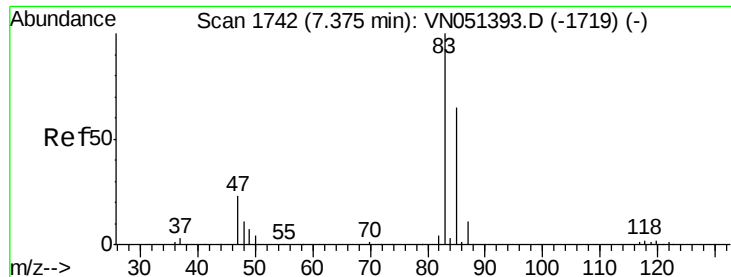
40000

20000

0

Time-->

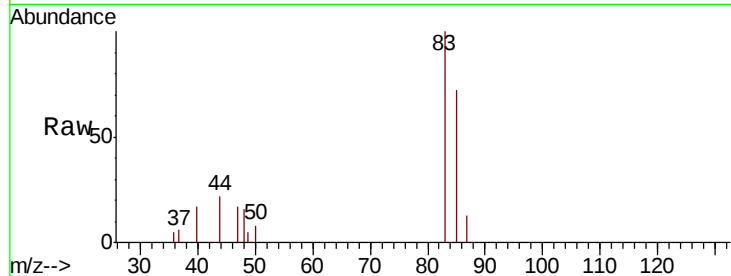




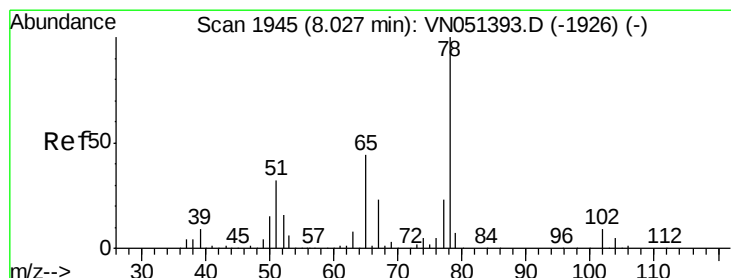
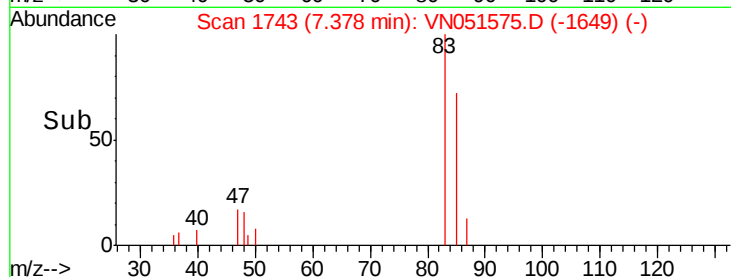
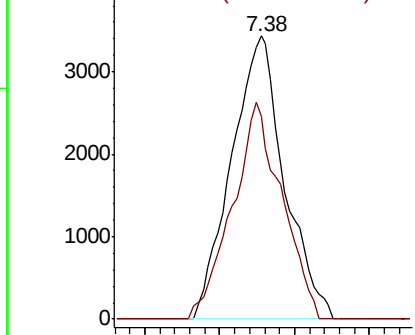
#30
 Chloroform
 Concen: 0.623 ug/l
 RT: 7.38 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN051575.D
 Acq: 27 Sep 2018 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-D

Tot Ion: 83 Resp: 8445
 Ion Ratio Lower Upper
 83 100
 85 71.8 51.8 77.6

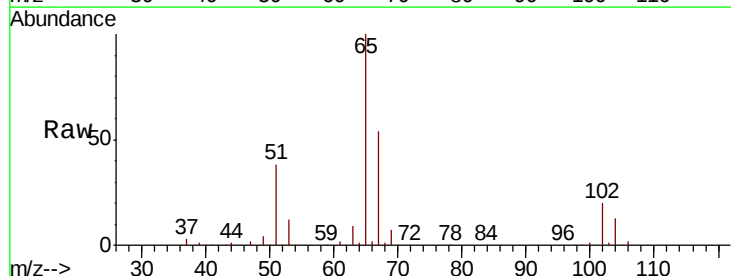


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0

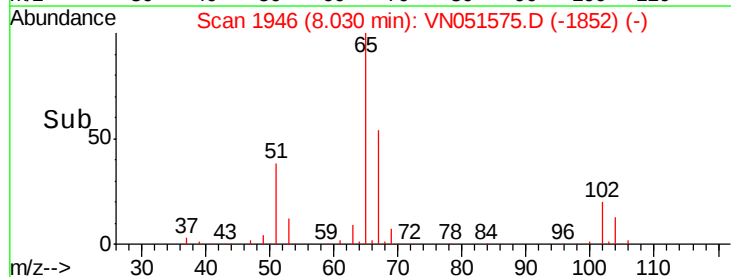
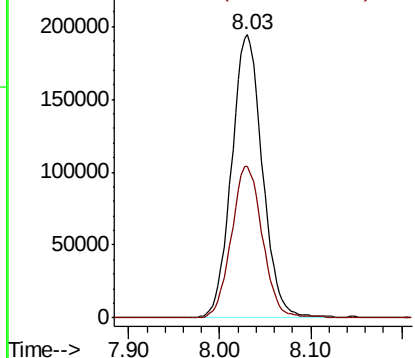


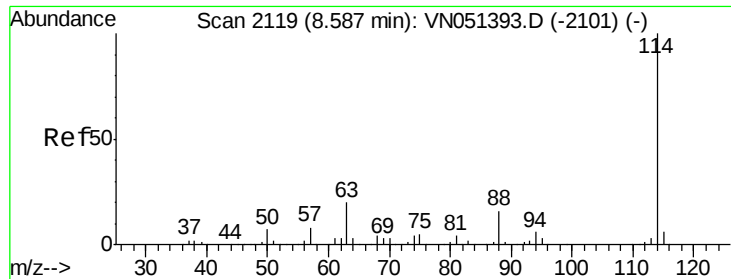
#33
 1,2-Dichloroethane-d4
 Concen: 57.541 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051575.D
 Acq: 27 Sep 2018 11:24

Tgt Ion: 65 Resp: 457900
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

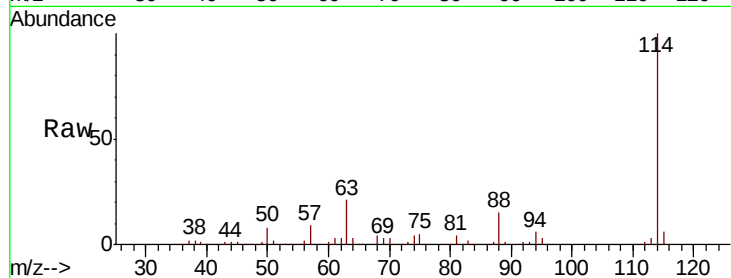




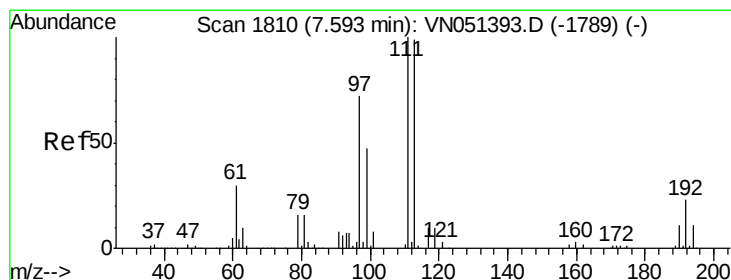
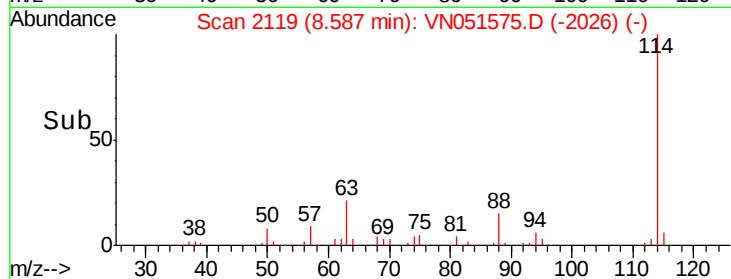
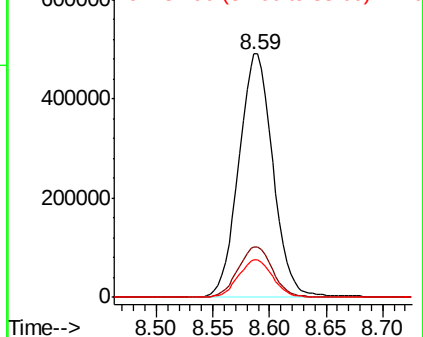
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051575.D
 Acq: 27 Sep 2018 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-D

Tot Ion:114 Resp: 1032272
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.4 0.0 31.4

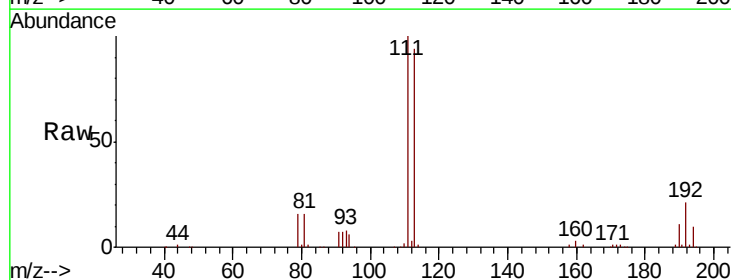


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

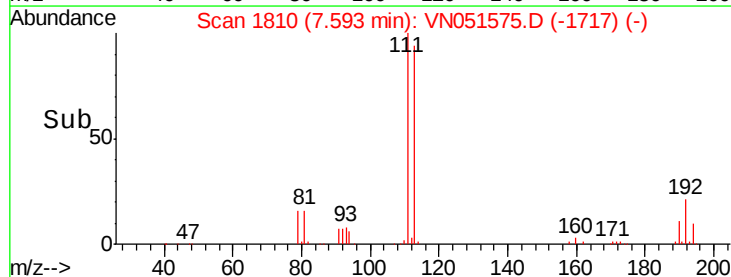
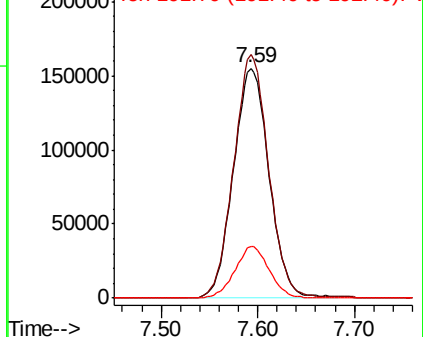


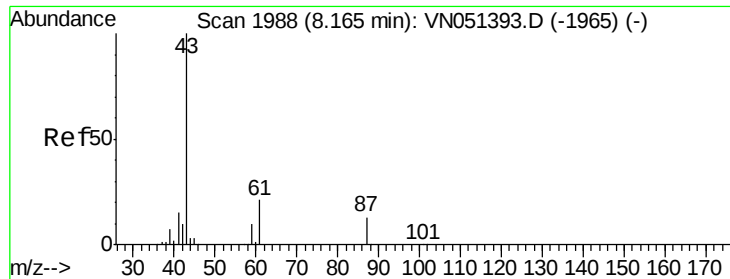
#35
 Dibromofluoromethane
 Concen: 48.289 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051575.D
 Acq: 27 Sep 2018 11:24

Tgt Ion:113 Resp: 398603
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 123.8
 192 21.6 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



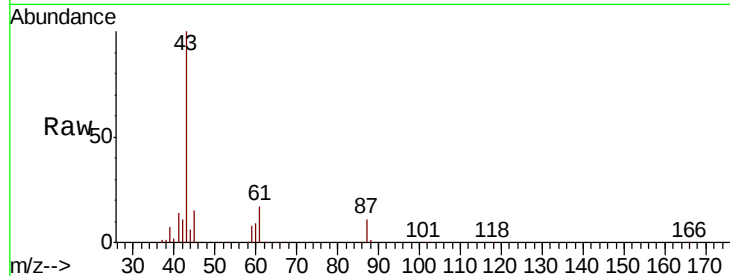


#43

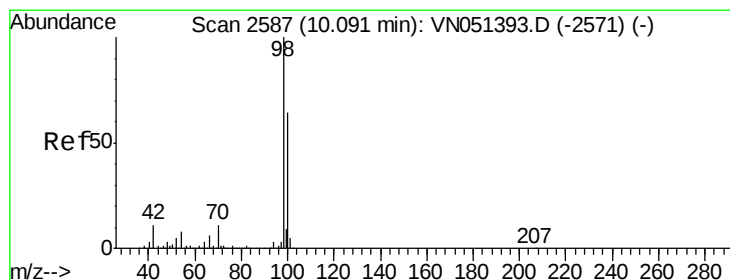
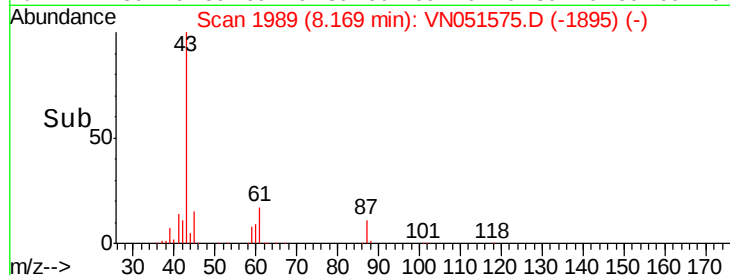
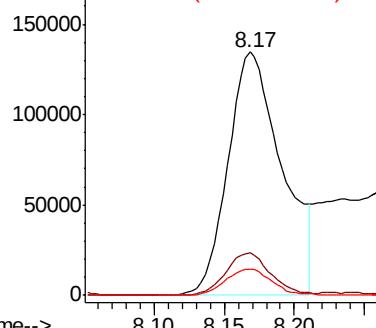
Isopropyl Acetate
 Concen: 28.933 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051575.D
 Acq: 27 Sep 2018 11:24

Instrument :
 MSVOA_N
 ClientSampled :
 CL-02-092518-D

Tot Ion: 43 Resp: 359591
 Ion Ratio Lower Upper
 43 100
 61 14.6 16.8 25.2#
 87 9.3 10.7 16.1#



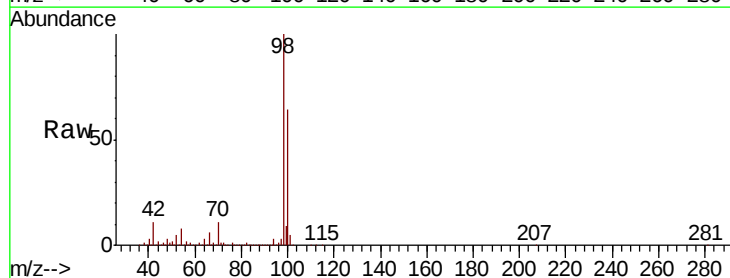
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



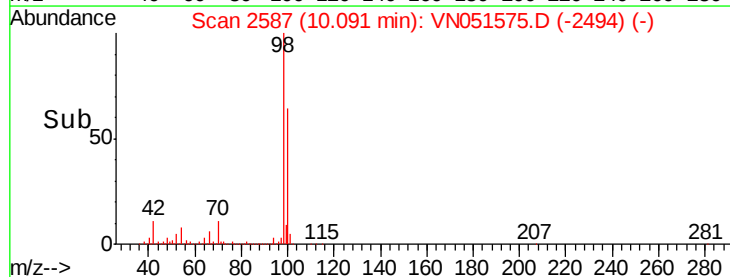
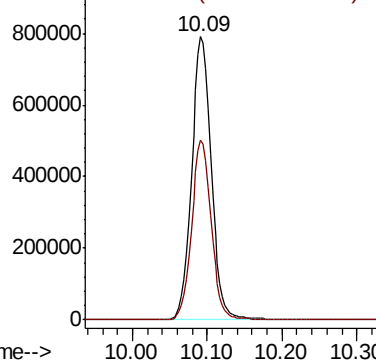
#50

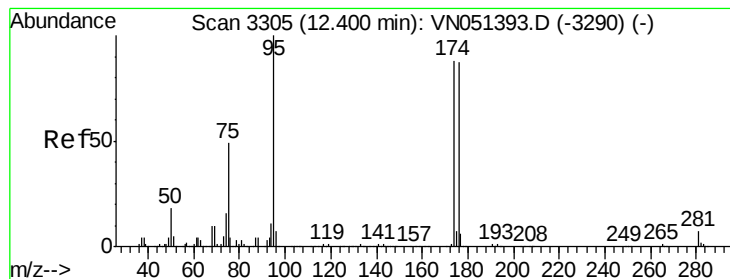
Toluene-d8
 Concen: 46.206 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051575.D
 Acq: 27 Sep 2018 11:24

Tgt Ion: 98 Resp: 1436252
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.053 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-D

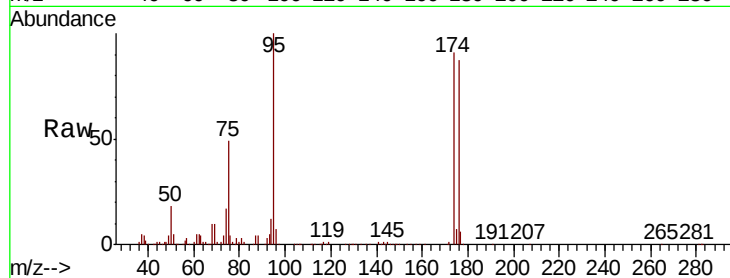
Tot Ion: 95 Resp: 392700

Ion Ratio Lower Upper

95 100

174 89.8 0.0 181.6

176 86.0 0.0 176.4

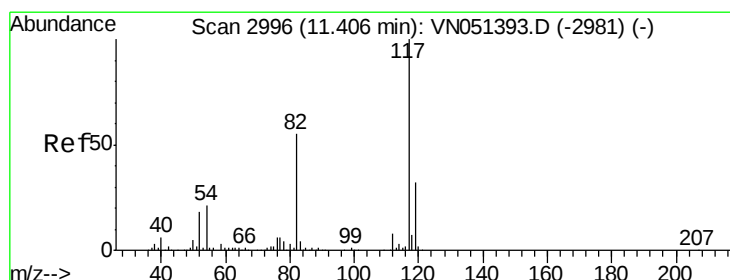
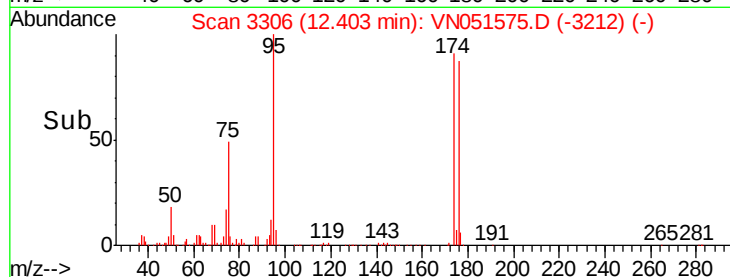


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

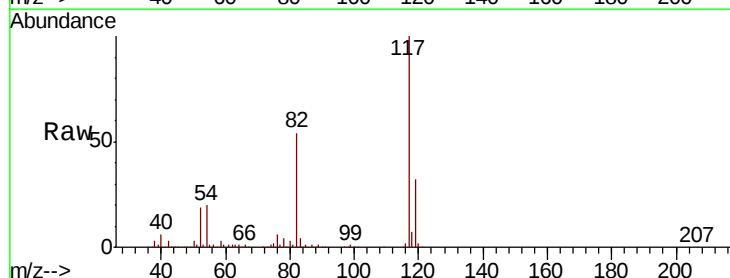
Tgt Ion: 117 Resp: 876923

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

119 32.0 25.9 38.9

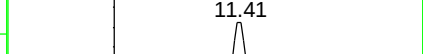
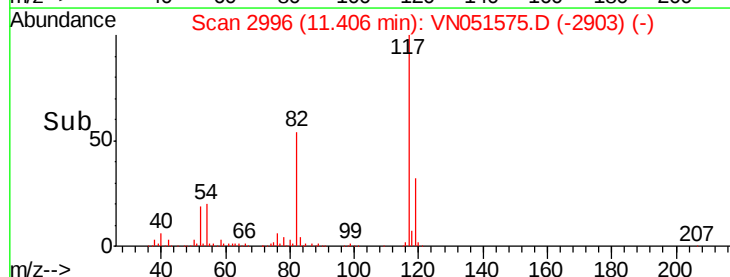


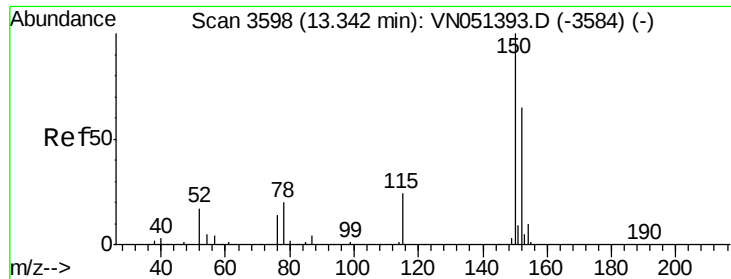
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-D

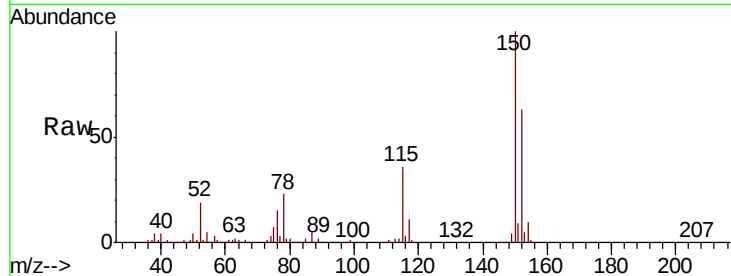
Tot Ion:152 Resp: 332592

Ion Ratio Lower Upper

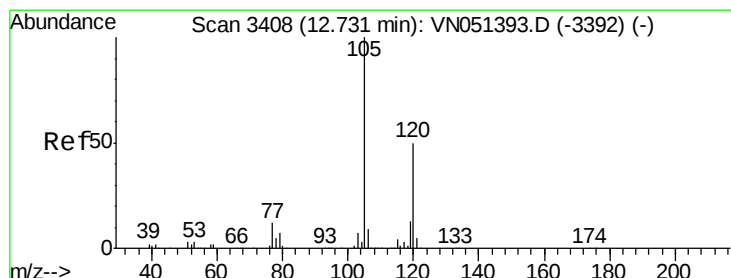
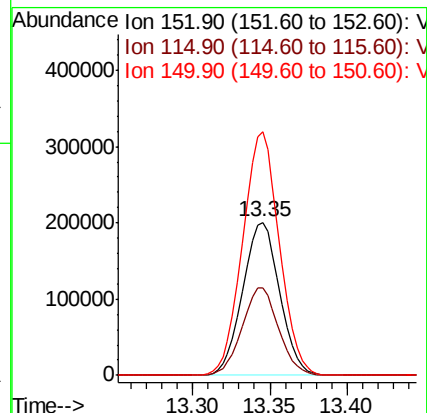
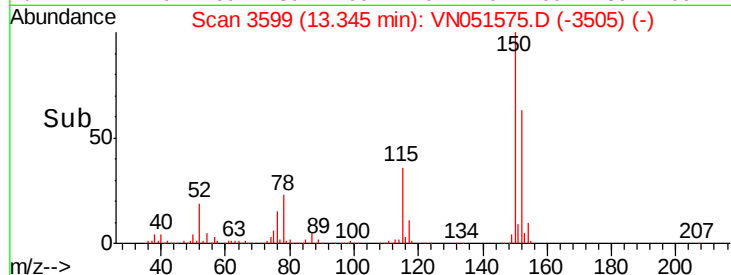
152 100

115 56.8 28.3 84.9

150 158.1 0.0 353.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.337 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051575.D

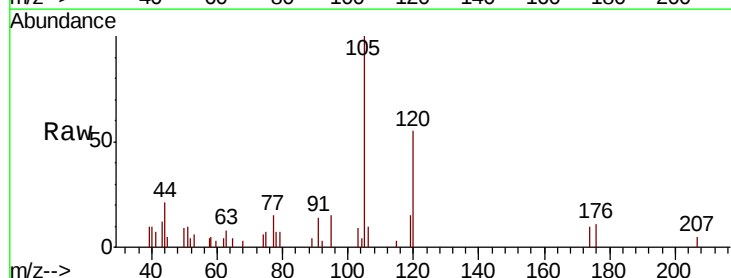
Acq: 27 Sep 2018 11:24

Tgt Ion:105 Resp: 7712

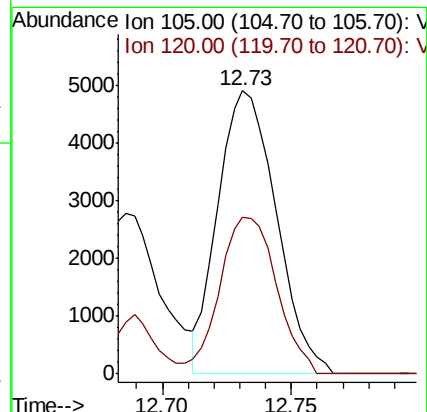
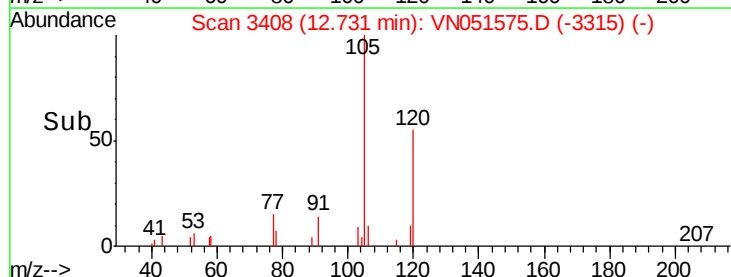
Ion Ratio Lower Upper

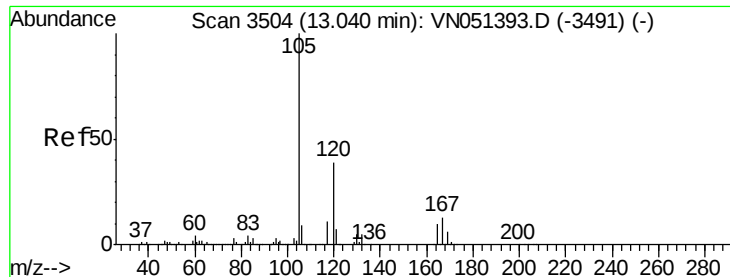
105 100

120 53.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.168 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

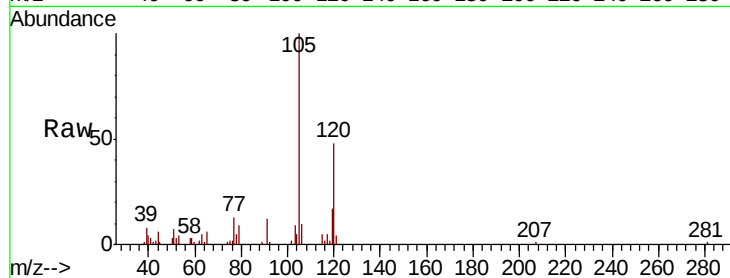
CL-02-092518-D

Tot Ion:105 Resp: 26926

Ion Ratio Lower Upper

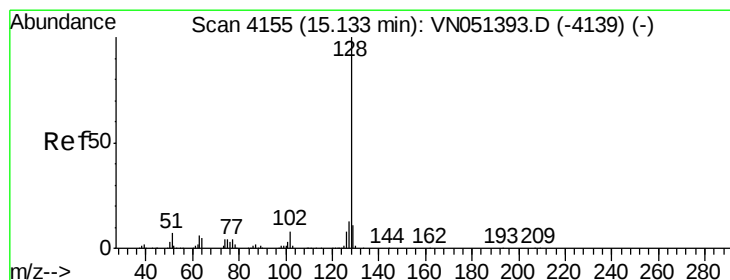
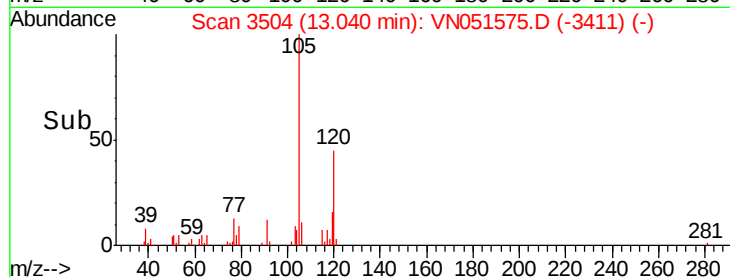
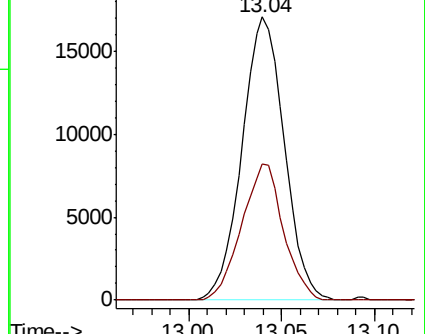
105 100

120 47.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 9.073 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051575.D

Acq: 27 Sep 2018 11:24

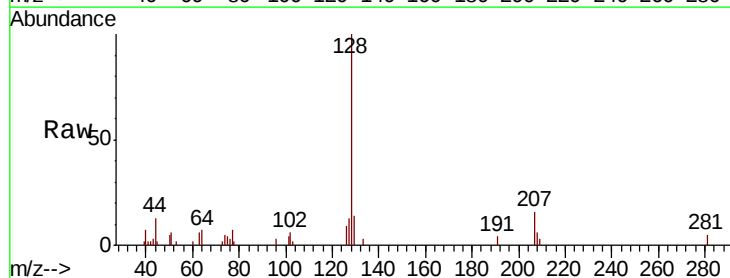
Tgt Ion:128 Resp: 15163

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 14.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

